



TECHNICAL DATA SHEET

Purified Human Fc Monoclonal Antibody

PRODUCT DESCRIPTION	Anti-Ku monoclonal antibody, IgG, clone E3D1, purified
PRODUCT RANGE	Auto-Immunity
REFERENCE	20005 (former BCD-19-KU-G-C1)
DESIGN/DEVELOPMENT	After immunization of GammaPrim® mouse, a transgenic mouse whose sequence for the Ig heavy chain constant region is replaced by a human IgG sequence, a hybridoma cell line has been established.
ANTIGEN OF IMMUNISATION	Ku70-NT+Ku80 ; Ec (Diarect)
PURIFICATION	Purification from hybridoma culture supernatant by affinity chromatography
BUFFER	PBS
PRESERVATIVES	0.02% Sodium Azide
STORAGE	Between + 2°C and + 8 °C or aliquot and store frozen Avoid repeated freeze/thaw cycles
EXPIRY DATE	<i>Please see batch COA</i>
SAFETY STATEMENT	Noninfectious – biological product from <i>in vitro</i> production
CONCENTRATION	<i>Please see batch COA</i>
IMMUNO-REACTIVITY (NON-EXHAUSTIVE)	Validated by ELISA
RECOMMENDATED USE	Product for research or further manufacturing use only. Suitable for ELISA (manual or automated). Please try the sample diluted 100 time then dilute it sequentially by a factor of 2 (i.e., 1/200, 1/400, 1/800, etc). Suitable for automated systems. Please try the sample diluted 10 time then dilute it sequentially by a factor of 2 (i.e., 1/20, 1/40, 1/80, etc).

©Bcell Design – January 2026